

**TOWN OF DAVIE  
TOWN COUNCIL AGENDA REPORT**

**TO:** Mayor and Councilmembers

**FROM/PHONE:** Herb Hyman/797-1016

**SUBJECT:** Resolution

**AFFECTED DISTRICT:** District 3

**TITLE OF AGENDA ITEM:** A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 6 TO THE CONTRACT BETWEEN THE TOWN AND MORGAN GENERAL MECHANICAL GROUP, INC. FOR THE CONSTRUCTION OF A FUEL ISLAND AT THE POLICE & FIRE/EMS FACILITY.

**REPORT IN BRIEF:** The Town Council previously awarded a contract to Morgan General Mechanical Group, Inc. for the construction of a fuel island at the Police & Fire/EMS facility by Resolution R-2003-148. This change order replaces the cat-5 cable from the fuel monitoring system to the generator room with fiber optic cable. In the original installation, booster boxes had to be installed because the cable run was more than 500 ft. The booster boxes have failed at least twice because of lightning strikes. Since we are in a geographic location that experiences a lot of electrical storms, we would be constantly replacing these booster boxes. The installation of fiber optic cable will provide the Town with a more reliable system especially during the summer when electrical storms are more prevalent. If the fuel monitoring system is down, we cannot monitor fuel usage, get reports, restrict fuel usage to those with a key, etc. This change order will also provide for communication between the fuel island at PD and the vehicle maintenance garage with regard to fuel usage. These changes are necessary to get a reliable fuel monitoring system fully functional.

**PREVIOUS ACTIONS:** Contract awarded by Resolution R-2003-148

**CONCURRENCES:** The change order has been reviewed by the Bid Specification Committee.

**FISCAL IMPACT:**

Has request been budgeted? Yes

If yes, expected cost: \$12,250.00

Account Name: Capital Improvement Program-Upgrade Vehicle Maintenance

Garage Account 050-0759-591-6472

Additional Comments: n/a

**RECOMMENDATION(S):** Motion to approve the resolution.

**Attachment(s):**

Change Order Number 6

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE TOWN OF DAVIE, FLORIDA, AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NUMBER 6 TO THE CONTRACT BETWEEN THE TOWN AND MORGAN GENERAL MECHANICAL GROUP, INC. FOR THE CONSTRUCTION OF A FUEL ISLAND AT THE POLICE & FIRE/EMS FACILITY.

WHEREAS, the Town previously awarded a contract to Morgan General Mechanical Group, Inc. for the construction of a fuel island at the Police & Fire/EMS facility by Resolution R-2003-148; and

WHEREAS, a change order is necessary due to a change in the scope of work required for this project; and

WHEREAS, this change will facilitate completion of the project.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA:

SECTION 1. The Town Council hereby authorizes the Mayor to execute Change Order Number 6 which results in a net increase of \$12,250.00.

SECTION 2. The Town Council hereby authorizes the expenditure from the Capital Improvement Program-Upgrade Vehicle Maintenance Garage Account 050-0759-591-6472.

SECTION 3. This resolution shall take effect immediately upon its passage and adoption.

PASSED AND ADOPTED \_\_\_\_ DAY OF \_\_\_\_\_, 2005

\_\_\_\_\_  
MAYOR/COUNCILMEMBER

Attest:

\_\_\_\_\_  
TOWN CLERK

APPROVED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2005

**CHANGE ORDER**

No. 6

**PROJECT:** Police-Fire-EMS Fuel Island  
**OWNER:** Town of Davie  
6591 Orange Drive  
Davie, FL 33314-3399

**DATE OF ISSUANCE:** May 23, 2004

**CONTRACTOR:**  
MGI-Morgan General Mechanical Group, Inc.  
3781 NE 11<sup>th</sup> Avenue  
Pompano Beach, FL 33064

**OWNER'S PROJECT NO.** 03-49

**ENGINEER/ARCHITECT:** Craven Thompson

**CONTRACT FOR:**

Fiber Optic Cable Installation and Fuel Management Network Interface

You are directed to make the following changes in the Contract Documents.

**DESCRIPTION:**

**PURPOSE OF CHANGE ORDER:** Install Fiber Optic Cable Installation and Fuel Management Network Interface

**ATTACHMENTS:** (List documents supporting change)

**CHANGE IN CONTRACT PRICE:**

Original Contract Price

\$ 375,502.00

Previous Change Orders No. 1 to No. 5

Contract Price prior to this Change Order

\$ 389,033.55

Net Increase (Decrease) of this Change Order

\$ 12,250.00

Contract Price with all Approved Change Orders

\$ 401,283.55

**CHANGE IN CONTRACT TIME:**

Original Contract Time

(days or date)

Net change from previous Change Orders

\$ 13,531.55 (date)

Contract Time prior to this Change Order

(days or date)

Net Increase (Decrease) of this Change Order

(days or date)

Contract Time w/all approved Change Orders

(days or date)

**RECOMMENDED:**

**APPROVED:**

**APPROVED:**

by \_\_\_\_\_ by \_\_\_\_\_ by \_\_\_\_\_  
Engineer Town of Davie Contractor



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## PROPOSAL — FIBER OPTIC CABLE INSTALLATION FUEL MANAGEMENT NETWORK INTERFACE

<b>TO: Town of Davie</b> <b>Attn: Mr. Herb Hyman</b> <b>Procurement Manager</b> 6591 SW 45 <sup>th</sup> Street Davie, FL 33314  TEL: 954.797.1016 FAX: 954.797.1049	<b>Date: June 29, 2005</b>  <b>Job: Police Department</b> <b>Change Order #6</b>  <b>Scope: Fiber Optic Cable and</b> <b>Network Interface Card</b> <b>REF: CL062105-01</b>	<b>FROM: Chip LaMarca</b> <b>MGI –Morgan General</b> <b>Mechanical Group Inc.</b> <b>Petroleum &amp; Gas Division</b> 3781 NE 11th Avenue Pompano Beach, FL 33064 TEL: 954.943.5535 FAX: 954.943.5534
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MGI is pleased to offer the following turnkey work. MGI is actually two businesses: DESIGN ENGINEERING on the front end and actual INSTALLATION WORK on the backside. We do up-front value engineering and design work on a consulting basis for stand-alone fuel systems, fuel management systems, fuel leak detection, and monitoring equipment. We do complete turnkey installation work for the above systems. MGI has state General, Mechanical, Electrical and Pollutant Storage Contractor Licenses and is able to bond all fuel system projects.

### Task 1 – Replace CAT-5 Cable with Fiber Optic (Fuel Guard to Computer Room):

- Remove all existing CAT-5 underground cable from the Fuel Guard system to the generator room where the cable run is transitioned into above ground from the generator room to the Police Department Information Systems Room.
- Supply & install approximately 400 ft of 6 strand fiber optic indoor/outdoor Corning Cable.
- Supply & install new fiber optic Opti-Max ST connectors at both ends. Light test both ends.
- Provide Fiber Break-out Kit (required for this type of installation).
- Supply & install a 10/100/100BFX Media Converter (ST to RJ-45).
- Test all connections prior to connecting to Fuel Guard and Town Network.
- Establish a connection between the Fuel Guard and the iNet modem in the Police Department Information Systems Room (via I.T. Admin), as well as with Vehicle Services.
- Note: Approximate lead time for the specialty fiber optic cable is 1-2 weeks.

### Task 2 – Pneumercator Network Interface Card and CAT-5 Installation:

- Supply & install a Pneumercator Internal Network Interface Card for TCP/IP connectivity to the Town of Davie (The Town) network. This will allow access the TMS Tank Management System from anywhere on The Town's network.
- Supply & install CAT-5 cable from the Pneumercator TMS-2000 in the generator room to a router/connection in the Police Department Information Systems Room.
- Test all interface cards and establish a connection (with The Town I.T. Administrator).

C:\Documents and Settings\Charles J. LaMarca\My Documents\Word\Proposals\Town of Davie-Fiber Cable and Network Interface Upgrade (Herb Hyman).doc

**MGI – MORGAN GENERAL**  
**MECHANICAL GROUP, INC.**

**3781 NE 11<sup>th</sup> Avenue**  
**Pompano Beach, FL 33064**

**Tel: (954) 943-5535**  
**Fax: (954) 943-5534**



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**TERMS:** 25% due at contract approval for materials order. Balance due upon completion.

**Turnkey Price for Above Work:**

We propose hereby to furnish material and labor complete in accordance with above specifications for the sum of: **\$12,250.00** (Twelve thousand two hundred fifty dollars & 00/100)

**Notes:**

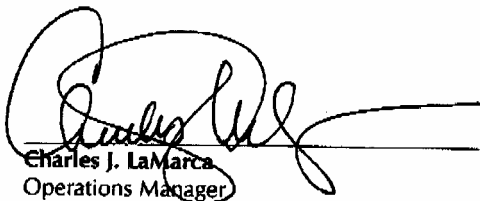
- All electrical materials are included in this proposal.
- There are no drawings or permits in this proposal as this will be handled as a repair.
- The duration of this project will be no more than five (5) working days.
- This work carries a one year warranty with MGI-Morgan General Mechanical Group, Inc.

**NO HOLD BACK WITHOUT WRITTEN AGREEMENT.** All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimates. All agreements are contingent upon strikes, accidents or delays beyond our control. Owner is to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. This proposal may be withdrawn by MGI if not accepted within 30 days.

**ACCEPTANCE OF PROPOSAL:** The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are hereby authorized to do the work as specified.

**Proposal Submitted by:**  
MGI - Morgan General Mechanical Group, Inc.

**Proposal Accepted by:**  
Town of Davie

  
Charles J. LaMarca  
Operations Manager

  
Mr. Tom Truex  
Mayor - Town of Davie

June 29<sup>th</sup>, 2005  
Date of Submittal

\_\_\_\_\_  
Date of Acceptance

MGI - MORGAN GENERAL  
MECHANICAL GROUP, INC.

3781 NE 11<sup>th</sup> Avenue  
Pompano Beach, FL 33064

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